

DTG Rec'd PCT/PTC 21 OCT 2004

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|---|------------------------|--------------------|
| Substitute for form 1449A/B/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Application Number | Not Yet Assigned |
| | | | | Filing Date | October 21, 2004 |
| | | | | First Named Inventor | Toshiyuki FUJIMOTO |
| | | | | Art Unit | N/A |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 1 | Attorney Docket Number | 0234-0478PUS1 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|--|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁵ |
| SL | BA** | JP-4-196032-A | 07-15-1992 | | | |
| | BB** | JP-11-307002-A | 11-05-1999 | | | |
| | BC** | JP-64-39370-A | 02-09-1989 | | | |
| | BD** | JP-9-63494-A | 03-07-1997 | | | |
| | BE** | JP-11-111185-A | 04-23-1999 | | | |
| | BF** | JP-7-296756-A | 11-10-1995 | | | |
| | BG** | JP-2002-56803-A | 02-22-2002 | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ** CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

| | | | |
|--------------------|---------------------|-----------------|--------|
| Examiner Signature | <i>Sandra Clark</i> | Date Considered | 7/7/07 |
|--------------------|---------------------|-----------------|--------|

DTG Rec'd PCT/PTC 21 OCT 2004

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|----------------------|------------------------|---------------|
| Substitute for form 1449A/B/PTO | | | Complete If Known | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | Application Number | Not Yet Assigned | |
| | | | Filing Date | October 21, 2004 | |
| | | | First Named Inventor | Toshiyuki FUJIMOTO | |
| | | | Art Unit | N/A | |
| | | | Examiner Name | Not Yet Assigned | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 0234-0478PUS1 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|--|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁵ |
| SC | BA** | JP-4-196032-A | 07-15-1992 | | | |
| SC | BB** | JP-11-307002-A | 11-05-1999 | | | |
| SC | BC** | JP-64-39370-A | 02-09-1989 | | | |
| SC | BD** | JP-9-63494-A | 03-07-1997 | | | |
| SC | BE** | JP-11-111185-A | 04-23-1999 | | | |
| SC | BF** | JP-7-296756-A | 11-10-1995 | | | |
| SC | BG** | JP-2002-56803-A | 02-22-2002 | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ** CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

| | | | |
|--------------------|------------------|-----------------|------------|
| Examiner Signature | /Satish Chandra/ | Date Considered | 01/05/2007 |
|--------------------|------------------|-----------------|------------|



Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.

0234-0478PUS1

APPLICATION NO.

10/512,091

APPLICANT

Toshiyuki FUJIMOTO et al.

FILING DATE

October 21, 2004

GROUP

1763

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | Kind | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|------|------|------|-------|--------------|-------------------------------|
| | US | | | | | | |
| | US | | | | | | |
| | US | | | | | | |
| | US | | | | | | |
| | US | | | | | | |
| | US | | | | | | |
| | US | | | | | | |
| | US | | | | | | |
| | US | | | | | | |
| | US | | | | | | |

FOREIGN PATENT DOCUMENTS

| | Office | DOCUMENT NUMBER | Kind | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
|----|--------|--------------------|------|------------|---------|-------|--------------|-------------|----|
| | | | | | | | | YES | NO |
| SL | JP | 4-196032 | A | 07-15-1992 | Japan | | | Abs | |
| | JP | 11-307002 | A | 11-05-1999 | Japan | | | Abs | |
| | JP | 64-39370 | A | 02-09-1989 | Japan | | | Abs | |
| | JP | 9-63494 | A | 03-07-1997 | Japan | | | Abs | |
| | JP | 11-111185 | A | 04-23-1999 | Japan | | | Abs | |
| | JP | 7-296756 | A | 11-10-1995 | Japan | | | Abs | |
| | JP | 2002-56803 | A | 02-22-2002 | Japan | | | Abs | |
| | JP | 2002-38257 | A | 02-06-2002 | Japan | | | Abs | |
| SL | JP | 2001-158956 | A | 06-12-2001 | Japan | | | Abs | |

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

| | |
|--|--|
| | |
| | |
| | |
| | |

EXAMINER

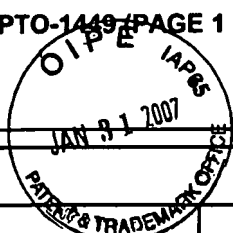
Graham Ward

DATE CONSIDERED

7/7/07

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | | |
|--|----------------------------|-----------------|------------|---------|
| INFORMATION DISCLOSURE STATEMENT PTO-1449 (PAGE 1 OF 1) | SERIAL NUMBER | 10/512,091 | DOCKET NO. | P57019B |
| | APPLICANT | | | |
| | TAE-MIN KANG <i>et al.</i> | | | |
| FILING DATE | | 31 January 2007 | GROUP | |
| | | to be assigned | | |



U.S. PATENT DOCUMENTS

| EXAMINER | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|-----------|-----------------|---------|------------------------|-------|----------|-------------|
| <i>GL</i> | 2003/0194484 | 10/2003 | Yamazaki <i>et al.</i> | | | |
| <i>GL</i> | 6,641,933 | 11/2003 | Yamazaki <i>et al.</i> | | | |
| <i>GL</i> | 6,894,431 | 05/2005 | Yamazaki <i>et al.</i> | | | |
| <i>GL</i> | 6,936,846 | 08/2005 | Koyama, <i>et al.</i> | | | |
| <i>GL</i> | 6,946,789 | 09/2005 | Ikeda | | | |
| <i>GL</i> | 7,012,367 | 03/2006 | Seki | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

TRANSLATION

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | YES | NO |
|-----------|--------------------|---------|---------|-------|----------|----------|----|
| <i>GL</i> | KR 10-2003-0027305 | 4/2003 | KOREA | | | Abstract | |
| <i>GL</i> | JP 2000-352717 | 12/2000 | JAPAN | | | Abstract | |
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

| | |
|--|--|
| | Office Action from the Korean Intellectual Property Office issued in Applicant's corresponding Korean Patent Application No. 10-2003-0040808 dated 31 March 2005 |
| | |
| | |

EXAMINER:

Sushil Chandra

DATE CONSIDERED:

7/7/07

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.